

A method and a device and test kit, respectively, for determination of an analyte in a sample in a flow matrix by means of a transport flow of one or more biospecific affinity reactants, at least one of which is analytically detectable (Reactant*) and one is firmly anchored in the matrix (Reactant I), have the characterizing features that: A. the flow matrix has at least two application zones for liquid (I) wherein a) LZ_n is an application zone for liquid, and n is the position of the application zone LZ_n , b) m is the total number of application zones in which flow is initiated ($m \geq 2$), c) one LZ_n is an application zone for sample ($LZ_n \cdot S$) and one LZ_n is for Reactant* ($LZ_n \cdot R^*$) with $n'' \geq n'$, d) \rightarrow is the direction of the flow, e) DZ is the detection zone, and B. flow is initiated by adding liquid to each zone $LZ_m \dots LZ_n \dots LZ_1$ in such a way that liquid $_{n+1}$, added to the application zone LZ_{n+1} , is transported through the matrix immediately after liquid $_n$, added to the nearest downstream application zone LZ_n .